

INTERFERENCE

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	0	(sheave and ((elevator\$1hoist\$3 traction elevator) adj (machine drive power)) and (shaft axle) and rotor and stator and ((hollow\$1 hat\$1 hollow-disc-like hat-like) adj (shape form configuration)) and fixed near4 (shaft body) and ((cylindrical mount\$3 stator rotor extend\$3) near2 portion) and (rotation near2 frame) and ((rotor AND sheave) near4 diameter)).clm.	US-PGPUB	OR	ON	2007/06/20 19:34
S1	14	JP-2000289954-\$ did. DE-19906727-\$ did. DE-19832208-\$ did. JP-2000153973-\$ did. JP-11079686-\$ did. JP-51046316-\$ did. JP-2003104666-\$ did. JP-2001278571-\$ did. DE-19958545-\$ did. JP-02088053-\$ did. JP-11032462-\$ did. JP-2001151443-\$ did. JP-05056618-\$ did. JP-2001072358-\$ did. JP-02062394-\$ did.	EPO; JPO	OR	ON	2007/03/06 20:42
S2	0	JP-00088053-\$ did.	EPO; JPO	OR	ON	2006/09/07 13:02
S3	0	JP-51046316-\$ did.	EPO; JPO	OR	ON	2007/06/20 19:09
S4	0	JP-31046316-\$ did.	EPO; JPO	OR	ON	2006/09/07 13:01
S5	1	("4739969").PN.	USPAT	OR	OFF	2006/09/07 13:07
S6	35	("1171964"   "1869152"   "1929914"   "3323607"   "3847251"   "4042068"   "4337848"   "4355785"   "4368501"   "4520906").PN. OR ("4739969").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 20:24
S7	4203	((187/254,258) or (310/261) or (254/290,316, 901)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/06 20:35
S8	3809	S7 and @pd<"20030606"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/14 10:53
S9	2573	S8 and (rotor stator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/07 20:34
S10	841	S9 and (fix\$3 support\$3 balanc\$3 bearing) near6 (sheave shaft rotat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/07 20:38
S11	172	S10 and (hoist\$3 lift\$3 elevat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/07 20:39

## EAST Search History

S12	36	("2088690"   "3101130"   "3500083"   "3619676"   "4361776"   "4664230"   "4739969"   "4771197"   "4814654"   "4823039"   "4960186"   "4978878"   "5018603"   "5024162"   "5062501"   "5079461"   "5128571"   "5140212"   "5142181"   "5144183"   "5146144"   "5334899"   "5396134"   "5397953"   "5440185"   "5455474"   "5475274"   "5493161"   "5495131"   "5589722").PN. OR ("5982060").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 20:54
S13	44	("3488539"   "3544822"   "3558947"   "3566165"   "3719845"   "4068143"   "4082971"   "4360751"   "4536672"   "4633112"   "4763037"   "4829208"   "4949002").PN. OR ("5144183").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 20:58
S14	20	("1237321"   "4355785").PN. OR ("4960186").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 21:04
S15	3168	(310/261).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/07 21:10
S16	402	(187/254,258).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/07 21:10
S17	322	S16 and @pd<"20030606"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/07 21:11
S18	22	("2214807"   "2461759"   "2543830"   "2974756"   "3642104"   "3752267"   "4436139"   "4684838"   "5067593"   "5101939"   "5121018"   "5201821"   "5202539"   "5226508").PN. OR ("5669469").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 21:12
S19	18	("3101130"   "4361776"   "4771197"   "4960186"   "4987333"   "5018603"   "5024162"   "5062501"   "5142181"   "5144183"   "5289069"   "5334899"   "5455474"   "5495131").PN. OR ("5665944").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/07 21:13
S20	1	CN-1410338-\$ did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/12 18:38
S21	4481	((187/254,258,373) or (310/261) or (254/290, 316,901)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/12 19:01
S22	4073	S21 and @pd<"20030606"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/12 19:03

## EAST Search History

S23	44	S22 and lubricat\$3 near6 bearing	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/13 18:19
S24	2	("6851520").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/13 17:40
S25	4481	((187/254,258,373) or (310/261) or (254/290, 316,901)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/13 19:34
S26	4073	S25 and @pd<"20030606"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/13 19:29
S27	0	S26 and lubricat\$3 with (bearing and (behind between adjacent along oppos\$3) near6 (pulley sheave))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/07 17:11
S28	0	S26 and lubricat\$3 with (bearing and ((behind between adjacent along oppos\$3) near6 (pulley sheave)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/13 18:22
S29	2	S26 and lubricat\$3 with (bearing and ((behind between adjacent along oppos\$3) near6 (pulley sheave rotat\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/13 19:12
S30	277	S26 and (blow\$3 fan forc\$3 near2 (air cool\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/13 19:20
S31	23	S26 and (blow\$3 fan forc\$3 near2 (air cool\$3)) near8 ((stationary fixed attached mounted) and (member stator))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/13 19:34
S32	254	S30 not S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/13 19:32
S33	3500	((187/254) or (310/261)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/13 20:32
S34	31	S33 and (blow\$3 fan forc\$3 near2 (air cool\$3)) near8 ((stationary fixed attached mounted) and (member stator))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/13 20:32

## EAST Search History

S35	402	(187/286,373).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/13 20:32
S36	0	S35 and (blow\$3 fan forc\$3 near2 (air cool\$3)) near8 ((stationary fixed attached mounted) and (member stator))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/14 10:53
S37	1594	(310/62,63).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/09/14 10:53
S38	1479	S37 and @pd<"20030606"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/14 10:53
S39	267	S38 and (blow\$3 fan forc\$3 near2 (air cool\$3)) near8 ((stationary fixed attached mounted) and (member stator))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/14 10:59
S40	56	S38 and (blow\$3 fan forc\$3.near2 (air cool\$3)) near8 ((fixed attached mounted) and (stator stationary motor) adj (casing frame member))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/14 11:01
S41	25	("1030041"   "2899573"   "3106654"   "3514647"   "3846651"   "3932778"   "4182966").PN. OR ("4306165").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/14 12:04
S42	1	"10523762"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/06 19:30
S43	4247	((187/254,258) or (310/261) or (254/290,316, 901)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/06 20:35
S44	811	H02K007/102.ipc.	EPO; JPO; DERWENT	OR	ON	2007/03/06 20:43
S45	2013	B66B011/08.ipc.	EPO; JPO; DERWENT	OR	ON	2007/03/06 20:43
S46	67	B66B015/08.ipc.	EPO; JPO; DERWENT	OR	ON	2007/03/06 20:43
S47	1955	(S44 S45 S46) and @pd<"20030606"	EPO; JPO; DERWENT	OR	ON	2007/03/06 21:05
S48	11	S47 and (thin\$3 shallow\$1 narrow\$1 flat\$1) near4 ((type\$1 style\$1 form\$3 housing structur\$2 configur\$2 shell) and (motor drive hoist\$3 traction friction\$2 drive))	EPO; JPO; DERWENT	OR	ON	2007/03/06 21:06
S49	12	S47 and (thin\$3 shallow\$1 narrow\$1 flat\$1) near5 ((type\$1 style\$1 form\$3 housing structur\$2 configur\$2 shell) and (motor drive hoist\$3 traction friction\$2 drive))	EPO; JPO; DERWENT	OR	ON	2007/03/06 20:49

## EAST Search History

S50	1	S49 not S48	EPO; JPO; DERWENT	OR	ON	2007/03/06 20:49
S51	4247	((187/254,258) or (310/261) or (254/290,316, 901)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/06 20:50
S52	52	S51 and @pd<"20030606" and (thin\$3 shallow\$1 narrow\$1 flat\$1) near4 ((type\$1 style\$1 form\$3 housing structur\$2 configur\$2 shell) and (motor drive hoist\$3 traction friction\$2 drive))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/06 21:05
S53	52	S52 not S49	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/06 20:51
S54	71	S51 and @pd<"20050208" and (thin\$3 shallow\$1 narrow\$1 flat\$1) near4 ((type\$1 style\$1 form\$3 housing structur\$2 configur\$2 shell) and (motor drive hoist\$3 traction friction\$2 drive))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/06 21:05
S55	2435	(S44 S45 S46) and @pd<"20050208"	EPO; JPO; DERWENT	OR	ON	2007/03/06 21:05
S56	13	S55 and (thin\$3 shallow\$1 narrow\$1 flat\$1) near4 ((type\$1 style\$1 form\$3 housing structur\$2 configur\$2 shell) and (motor drive hoist\$3 traction friction\$2 drive))	EPO; JPO; DERWENT	OR	ON	2007/03/06 21:06
S57	21	(S54 S56) not (S49 S53)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/06 21:07
S58	0	WO-200307092-.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/06 21:18
S59	2	WO-2004108579-.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/06 21:21
S60	13	rotor and stator and sheave and motor and ((diameter radial) near8 ((rotor sheave) and (greater larger more excess)))	US-PGPUB	OR	ON	2007/03/06 21:26
S61	1	rotor and stator and sheave and motor and ((diameter radial) near8 ((rotor sheave) and (greater larger more excess))).clm.	US-PGPUB	OR	ON	2007/03/06 21:26

## EAST Search History

S62	50	("6247557") or ("20060060428") or ("4768621") or ("6382360") or ("6390243") or ("6491136") or ("20010009209") or ("20010009210") or ("20010009211") or ("20040016602") or ("20040016603") or ("20050006180") or ("20050060979") or ("20050126859") or ("20050236232") or ("20050284705") or ("5873434") or ("4629014") or ("4846309") or ("5288956") or ("5368466") or ("5429211") or ("5740888") or ("5794737") or ("5823298") or ("5906251") or ("4763772") or ("4570753") or ("5665944") or ("5896948") or ("6068087") or ("4067458") or ("4270628") or ("4422531") or ("4520906") or ("4526252") or ("4569423") or ("4623042") or ("4766977") or ("4779670") or ("4995478") or ("5351788") or ("5361873") or ("5370205") or ("5435417") or ("5460244") or ("5469937") or ("5566785") or ("5573084") or ("5626247")).PN.	US-PGPUB; USPAT	OR	OFF	2007/03/07 16:59
S63	1	S62 and lubricat\$3 with (bearing and (behind between adjacent along oppos\$3) near6 (pulley sheave))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/07 17:12
S64	1	S62 and (lubricat\$3 inject\$3 greas\$3) with (bearing and (behind between adjacent along oppos\$3) near6 (pulley sheave))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/07 17:13
S65	811	H02K007/102.ipc.	EPO; JPO; DERWENT	OR	ON	2007/03/07 17:13
S66	2013	B66B011/08.ipc.	EPO; JPO; DERWENT	OR	ON	2007/03/07 17:13
S67	67	B66B015/08.ipc.	EPO; JPO; DERWENT	OR	ON	2007/03/07 17:13
S68	1955	(S65 S66 S67) and @pd<"20030606"	EPO; JPO; DERWENT	OR	ON	2007/03/07 17:13
S69	0	S68 and (lubricat\$3 inject\$3 greas\$3) with (bearing and (behind between adjacent along oppos\$3) near6 (pulley sheave))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/07 17:13
S70	0	S68 and (lubricat\$3 inject\$3 greas\$3) with (bearing and (behind between adjacent along oppos\$3 back\$1side rear rear\$1side) near6 (pulley sheave))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/07 17:14
S71	4530	((187/254,258,373) or (310/261) or (254/290, 316,901)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/07 17:14
S72	4073	S71 and @pd<"20030606"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/07 17:14

## EAST Search History

S73	0	S72 and (lubricat\$3 inject\$3 greas\$3) with (bearing and (behind between adjacent along oppos\$3 back\$1side rear rear\$1side) near6 (pulley sheave))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/07 17:15
S74	1	S72 and (lubricat\$3 inject\$3 greas\$3) with (bearing and (behind between adjacent along oppos\$3 back\$1side rear rear\$1side reverse) near6 (pulley sheave))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/07 17:15